

ABSTRACT

A laser processing method which can efficiently perform laser processing while minimizing the deviation of the converging point of a laser beam is provided.

5 This laser processing method comprises a displacement
acquiring step (S07 to S11) of irradiating an object to be processed with
a rangefinding laser beam for measuring a displacement of a main
surface of the object while converging the laser beam with a lens and
acquiring the displacement of the main surface along a line to cut while
10 detecting reflected light reflected by the main surface in response to the
irradiation; and moves the processing objective lens and the object
relative to each other along the main surface, while adjusting the gap
between the processing objective lens and the surface according to the
displacement acquired by the displacement acquiring step, thereby
15 forming the modified region along the line to cut.